

**In the specification:**

Please replace the abstract of the disclosure with the following replacement abstract. The replacement abstract has been marked up to indicate changes.

~~A system and method for detecting and storing file content access information within a file system.~~ In one embodiment, [[the]] a system may include a storage device configured to provide a storage space for data storage ~~store a plurality of files~~ and a file system configured to map files to the storage space for storage and to manage application accesses to the storage device. The file system may be configured to determine a signature of a first file stored on the storage device dependent upon at least a portion of the first file, detect an operation to access content of [[a]] the first file, where the operation is generated by an application distinct from the file system, stored on the storage device and, subsequent to detecting the operation, store a record of the operation associated with the first file, where the record includes a signature corresponding to the first file, information indicating the operation type and information identifying the application.